Comparisons of Job Characteristics

Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)
Associated Occupation: Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders (51-9012)

Compare Knowledge
Compare Skills
Compare Abilities
Compare Detailed Work Activities
Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge — Similarity of Focus Occupation to Associated Occupation: 75

Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)
Associated Occupation: Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders(51-9012)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Production and Processing	6.0	12.8	17.4	>>	Current knowledge level is likely more than sufficient
Chemistry	4.8	10.2	5.0	<<	Extensive education and/or training may be required
Mechanical	6.8	10.1	10.9	0	Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills — Similarity of Focus Occupation to Associated Occupation: 33

Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)
Associated Occupation: Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders(51-9012)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	12.6	8.1	<<	Extensive development of skills in this area may be required
Operation and Control	5.4	10.2	5.1	<<	Extensive development of skills in this area may be required
Quality Control Analysis	5.9	9.0	8.2	0	Current skill level may be sufficient
Repairing	3.4	8.2	4.1	<<	Extensive development of skills in this area may be required
Equipment Maintenance	3.5	7.7	4.1	<<	Extensive development of skills in this area may be required
Troubleshooting	4.5	7.7	5.5	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Abilities — Similarity of Focus Occupation to Associated Occupation: 59

Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)
Associated Occupation: Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders(51-9012)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Perceptual Speed	7.4	11.2	8.4	<<	Extensive improvement in abilities may be required
Auditory Attention	5.9	10.5	6.0	<<	Extensive improvement in abilities may be required
Reaction Time	4.8	10.1	6.0	<<	Extensive improvement in abilities may be required
Static Strength	5.0	10.1	5.3	<<	Extensive improvement in abilities may be required
Hearing Sensitivity	5.6	9.4	5.5	<<	Extensive improvement in abilities may be required
Rate Control	3.8	8.5	5.1	<<	Extensive improvement in abilities may be required
Gross Body Equilibrium	3.2	8.2	2.2	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	6.1	1.0	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Activities that Both Occupations Have in Common — Similarity of Focus Occupation to Associated Occupation: 68

Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)
Associated Occupation: Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders(51-9012)

Work Activities	Exclusivity of Activity
Adjust production equipment/machinery setup	25
Communicate technical information	4
Examine products or work to verify conformance to specifications	15
Maintain production or work records	19
Monitor production machinery/equipment operation to detect problems	27
Read work order, instructions, formulas, or processing charts	9
Set up production equipment or machinery	51

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: 52

Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)
Associated Occupation: Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders(51-9012)

Tools and Technologies	Exclusivity
Computers	1
Content authoring and editing software	1
Data management and query software	1
Information exchange software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.